

What is claimed is:

1. A server apparatus comprising:

a receiver that receives electronic mail data;

an analyzer that extracts a destination telephone number from the electronic mail data;

a memory section that stores data including at least one telephone number and at least one IP address in association with each other; and

a transmitter that transmits the electronic mail data to an IP address that is pre-associated with the extracted destination telephone number in accordance with data stored in the memory section.

2. The server apparatus according to claim 1, wherein, when the destination telephone number is not stored in the memory, the transmitter informs a sender of the electronic mail data of an error.

3. The server apparatus according to claim 1, wherein, upon transmission of the electronic mail data, the transmitter inserts, into the electronic mail data, an ID that is capable of identifying the electronic mail data, as a user name of a sender mail address, and a domain name, indicating delivery confirmation, as a domain name of the sender mail address.

4. The server apparatus according to claim 1, wherein the analyzer determines whether a domain name of a destination mail address included in the electronic mail data is a domain name indicating delivery confirmation, and, when the domain name of the destination mail address is determined as the domain name indicating delivery confirmation, the analyzer further determines whether transmission of previous electronic mail data has been completed, in accordance with a content of the electronic mail data.

5. A server apparatus according to claim 1, wherein the analyzer determines whether a domain name of a destination mail address included in the electronic mail data is a domain name indicating delivery confirmation, and, when the domain name of the destination mail address is determined as the domain name indicating delivery confirmation, the analyzer determines that transmission of previous electronic mail data has not been completed normally.

6. A server apparatus according to claim 4, wherein, when the domain name of the destination mail address is determined as the domain name indicating delivery confirmation, the transmitter informs a sender of the previous electronic mail data whether the transmission of the previous electronic mail data has been completed, in accordance with an ID, which is included, in the electronic mail data, as a user name of the destination mail address.

7. A server apparatus according to claim 6, wherein, upon informing the result to the sender of the previous electronic mail data, the transmitter transmits an informing electronic mail data, with a domain name of a sender mail address of the informing electronic mail data indicating discarding.

8. A server apparatus according to claim 1, wherein the memory section further stores a terminal type in association with each telephone number, and, when the destination telephone number is pre-associated with a terminal type indicating a terminal in compliance with H.323 as defined in an ITU-T Recommendation, the transmitter obtains an IP address of the terminal from an H.323 gatekeeper.

9. An electronic mail transmission terminal connected to the server apparatus according to claim 1, the electronic mail transmission terminal comprising:

an input unit through which the destination telephone number and a transmission instruction are input; and

a transmitter that transmits, when the destination telephone number and the transmission instruction are input, an electronic mail data including the destination telephone number to the server apparatus.

10. A communication system comprising:

an electronic mail transmission terminal; and

a server apparatus,

the electronic mail transmission terminal comprising:

an input unit through which a destination telephone number and a transmission instruction are input; and

a transmitter that transmits, when the destination telephone number and the transmission instruction are input, an electronic mail data including the destination telephone number to the server apparatus, and

the server apparatus comprising:

a receiver that receives the electronic mail data;

an analyzer that extracts the destination telephone number from the electronic mail data;

a memory section that stores data including at least one telephone number and at least one IP address in association with each other; and

a transmitter that transmits the electronic mail data to an IP address that is pre-associated with the extracted destination telephone number in accordance with data stored in the memory section.

11. A method for controlling electronic mail transmission, comprising:

receiving electronic mail data including a destination telephone number from a sender electronic mail transmission terminal;

extracting the destination telephone number from the electronic mail data;

P20705.S01

obtaining an IP address that is pre-associated with the destination telephone number from a memory section that stores at least one telephone number and at least one IP address in association with each other; and

transmitting the electronic mail data to the obtained IP address.